

Comparisons of Job Characteristics

Focus Occupation: [Audio and Video Equipment Technicians \(27-4011\)](#)

Associated Occupation: [Audio-Visual and Multimedia Collections Specialists \(25-9011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Audio and Video Equipment Technicians (27-4011)

Associated Occupation: Audio-Visual and Multimedia Collections Specialists (25-9011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Computers and Electronics	8.4	18.5	15.2	<	Expanded education and/or training may be required
Customer and Personal Service	11.3	16.0	11.4	<<	Extensive education and/or training may be required
Communications and Media	5.3	14.2	15.0	0	Current knowledge level may be sufficient
Clerical	7.3	11.9	4.8	<<	Extensive education and/or training may be required
Telecommunications	3.9	10.6	14.1	>>	Current knowledge level is likely more than sufficient
Fine Arts	2.2	6.7	6.5	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 79

Focus Occupation: Audio and Video Equipment Technicians (27-4011)

Associated Occupation: Audio-Visual and Multimedia Collections Specialists (25-9011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Troubleshooting	4.5	10.0	7.6	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	8.9	4.8	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	8.1	6.2	<	A higher skill level may be required
Management of Material Resources	3.7	7.5	4.1	<<	Extensive development of skills in this area may be required
Installation	1.7	6.9	6.1	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 95			
Focus Occupation: Audio and Video Equipment Technicians (27-4011) Associated Occupation: Audio-Visual and Multimedia Collections Specialists (25-9011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Far Vision	7.8	12.5	10.3	<	Some improvement in abilities may be required
Oral Expression	12.4	12.3	11.4	0	Current ability level may be sufficient
Oral Comprehension	12.5	12.2	12.3	0	Current ability level may be sufficient
Near Vision	11.1	11.8	11.8	0	Current ability level may be sufficient
Visual Color Discrimination	6.4	11.4	9.1	<	Some improvement in abilities may be required
Problem Sensitivity	11.1	11.2	11.2	0	Current ability level may be sufficient
Speech Recognition	9.9	11.0	8.6	<	Some improvement in abilities may be required
Visualization	7.5	11.0	9.3	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	10.3	8.1	<	Some improvement in abilities may be required
Memorization	5.6	7.4	5.8	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 95
Focus Occupation: Audio and Video Equipment Technicians (27-4011) Associated Occupation: Audio-Visual and Multimedia Collections Specialists (25-9011)		
Work Activities	Exclusivity of Activity	
Achieve special lighting or sound effects	82	
Convert information into instructional program	38	
Coordinate activities of assistants	84	
Coordinate educational content	76	
Develop instructional materials	38	
Ensure correct grammar, punctuation, or spelling	48	
Operate audio-visual equipment	76	
Teach others how to use audio-visual materials	99	
Use creativity in graphics	76	
Use graphic arts techniques	78	
Use knowledge of multi-media technology	70	

Use library or online Internet research techniques	21
Use oral or written communication techniques	1
Use stage lighting controls or instruments	95

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 94

Focus Occupation: Audio and Video Equipment Technicians (27-4011)

Associated Occupation: Audio-Visual and Multimedia Collections Specialists (25-9011)

Tools and Technologies	Exclusivity
Audio and visual equipment	4
Audio presentation and composing equipment and hardware and controllers	25
Business function specific software	1
Cameras	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Electrical measuring and testing equipment	7
Forming tools	2
Information exchange software	1
Interior lighting and fixtures	62
Network applications software	1
Phone and video conference equipment and hardware and controllers	31
Projectors and supplies	13
Video and combination video and audio presentation equipment and hardware and controllers	31
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.